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Part Number: [0457190007](#)
Status: **Active**
Overview: [Edge Card Connectors](#)
Description: 12.90mm Pitch EXTreme PowerEdge Connector, 2 Segments, 2.92mm Tail Length, Through Hole, Mates to 1.57mm Thick Card Edge or Bus Bar Tab

Documents:

3D Model (PDF)	Packaging Specification PK-45714-001-001 (PDF)
Drawing (PDF)	Test Summary TS-45844-001-001 (PDF)
3D Model	RoHS Certificate of Compliance (PDF)
Product Specification PS-45719-001-001 (PDF)	

Agency Certification

CSA	LR19980
TUV	R72090228

General

Product Family	Edge Card Connectors
Series	45719
Component Type	Edgecard to PCB
Data Rate	Unrated
Edge Card Thickness	1.57mm
High Power Bay (30.0A or more)	Yes
Orientation	Vertical
Overview	Edge Card Connectors
Product Name	Bus Bar Socket, EXTreme PowerEdge
Standard Based	General
Taxonomy	Card Edge Connectors
UPC	822348678594

Physical

(p)ower-(s)ignal Configuration	4p - 0s
Circuit Size Range	1-64 Circuits
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	50
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Keying to Mating Part	N/A
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.200/g
PC Tail Length	2.92mm
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Pitch - Mating Interface	12.90mm
Plating min - Mating	0.762µm
Plating min - Termination	3.810µm
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	40.0A
Voltage - Maximum	250V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
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Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[45719 Series](#)

Mates With

1.57mm Double Sided Card Edge or Bus
Bar Tab

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-45714-001-001
Product Specification	PS-45719-001-001
Sales Drawing	SD-45719-001-001
Test Summary	TS-45844-001-001

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